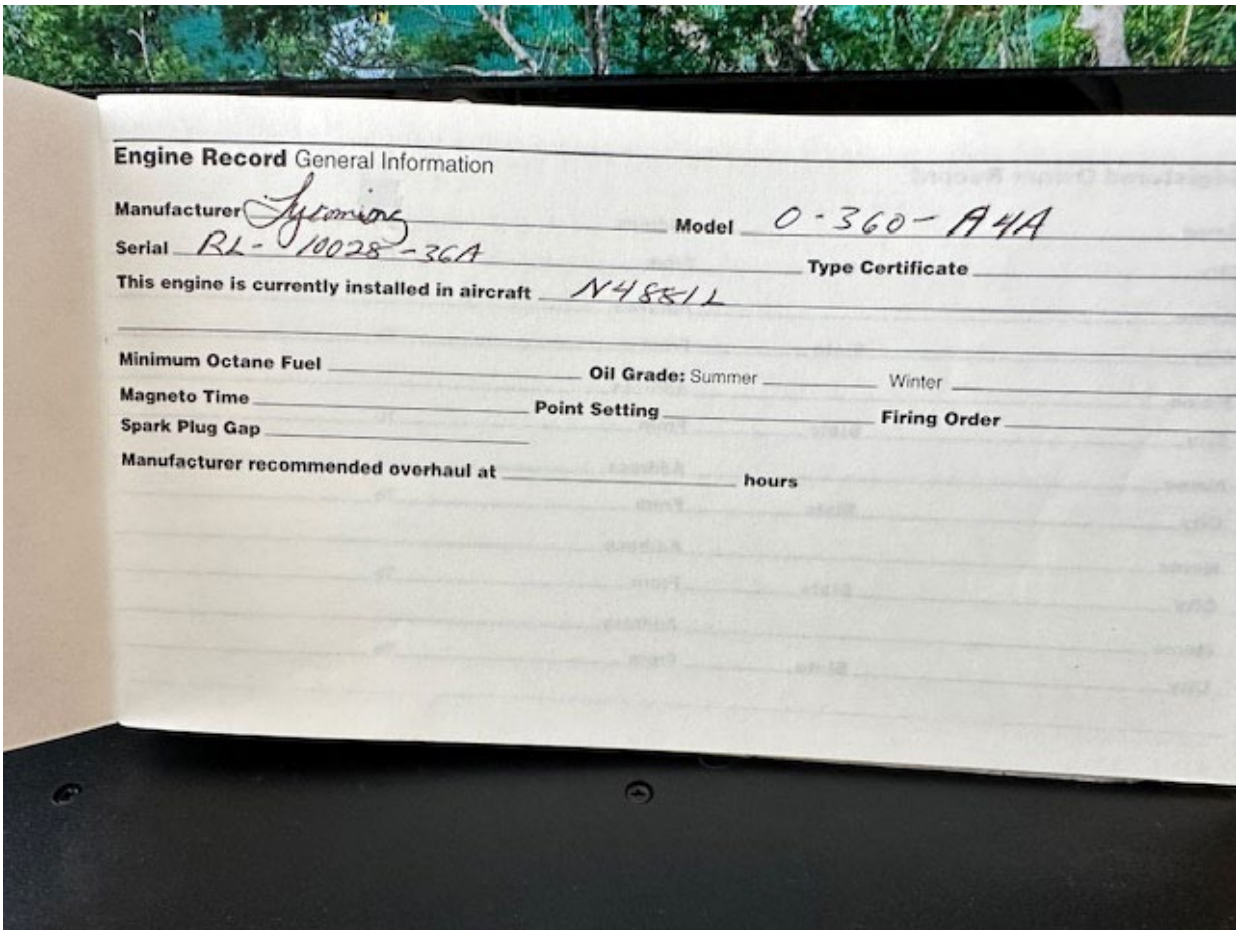
From: Dan Jay
To: Dan Jay
Subject: Logs Eng 2
Date: Thursday, August 22, 2024 3:38:26 PM



Engine Record General Information

Manufacturer Lycoming **Model** O-360-A4A

Serial RL-10028-36A **Type Certificate** _____

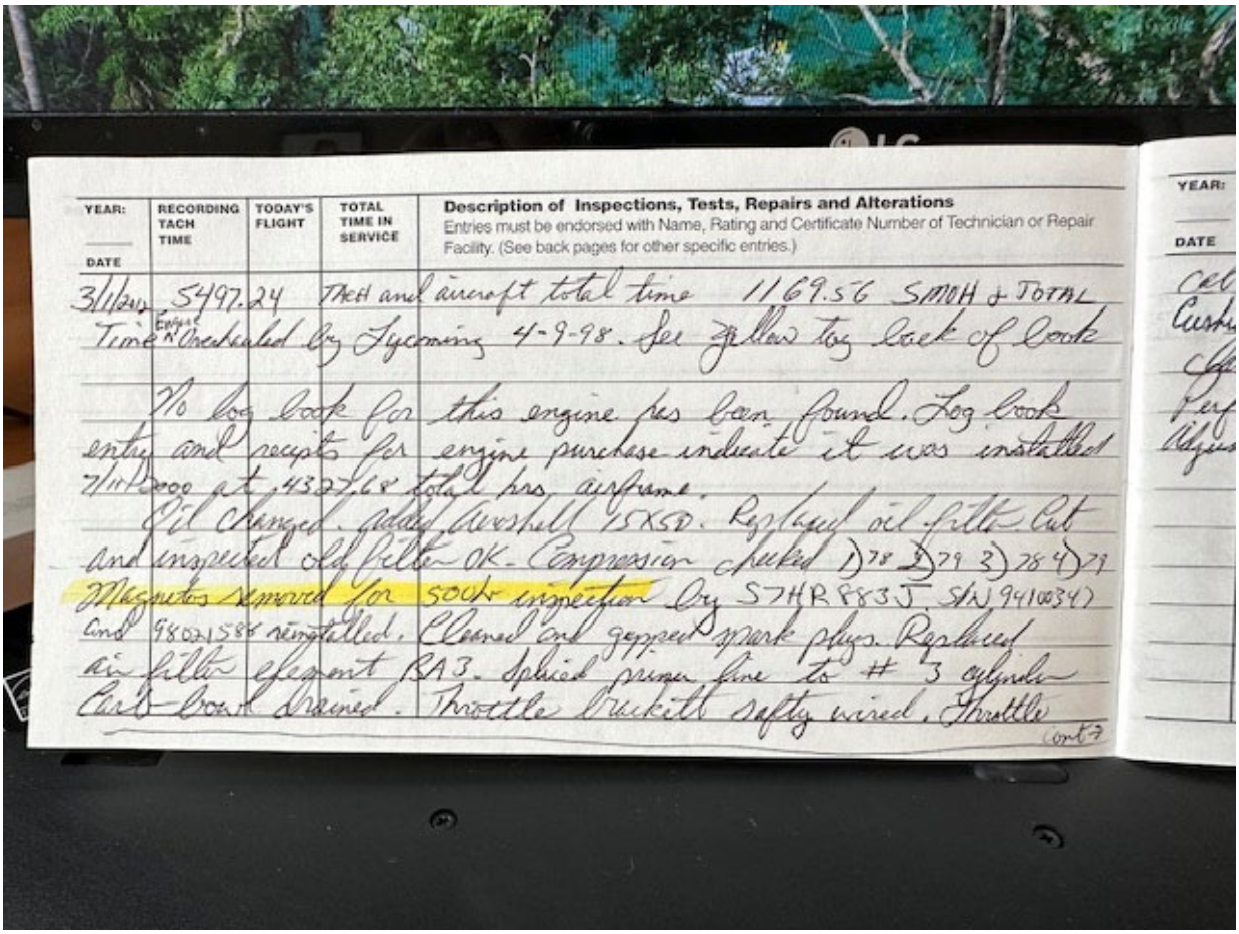
This engine is currently installed in aircraft N4881L

Minimum Octane Fuel _____ **Oil Grade:** Summer _____ Winter _____

Magneto Time _____ **Point Setting** _____ **Firing Order** _____

Spark Plug Gap _____

Manufacturer recommended overhaul at _____ **hours**

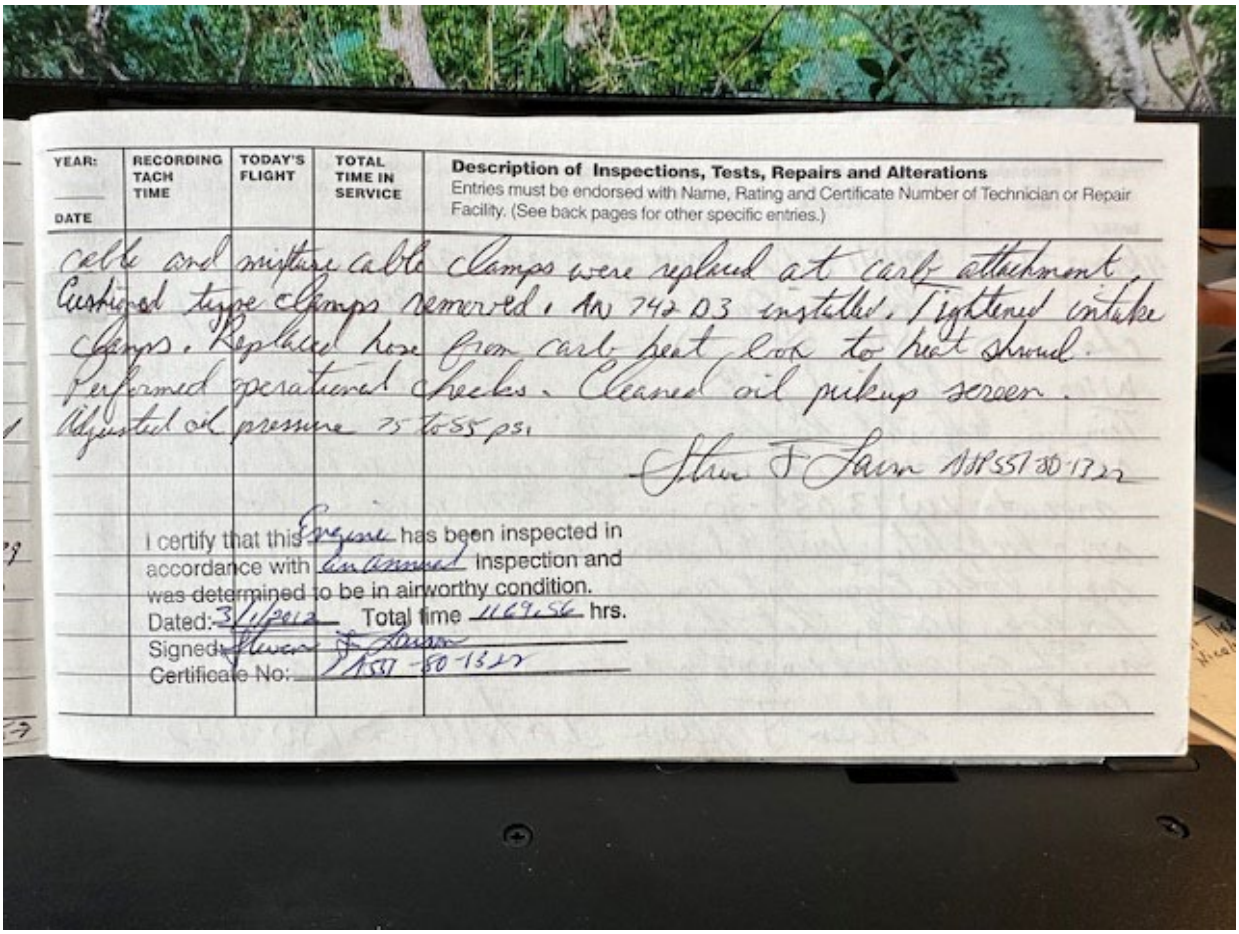


YEAR: DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
3/11/2002	5497.24	TACH and aircraft total time	1169.56 SMOH & TOTAL	
Time Entered As Checked by Lycoming 4-9-98. See yellow tag back of book				
No log book for this engine has been found. Log book entry and receipts for engine purchase indicate it was installed 7/11/2000 at 4327.68 total hrs airframe.				
Oil Changed. Added Aeroshell 15W50. Replaced oil filter. Cut and inspected old filter - OK. Compression checked 1) 78 2) 79 3) 78 4) 79				
Magnetos removed for 500hr inspection by S7HR883J. S/N 9410034) and 9802158 reinstalled. Cleaned and gapped spark plugs. Replaced air filter element RA3. Spliced primer line to #3 cylinder. Carb bowl drained. Throttle linkitt safety wired. Throttle				

(cont'd)

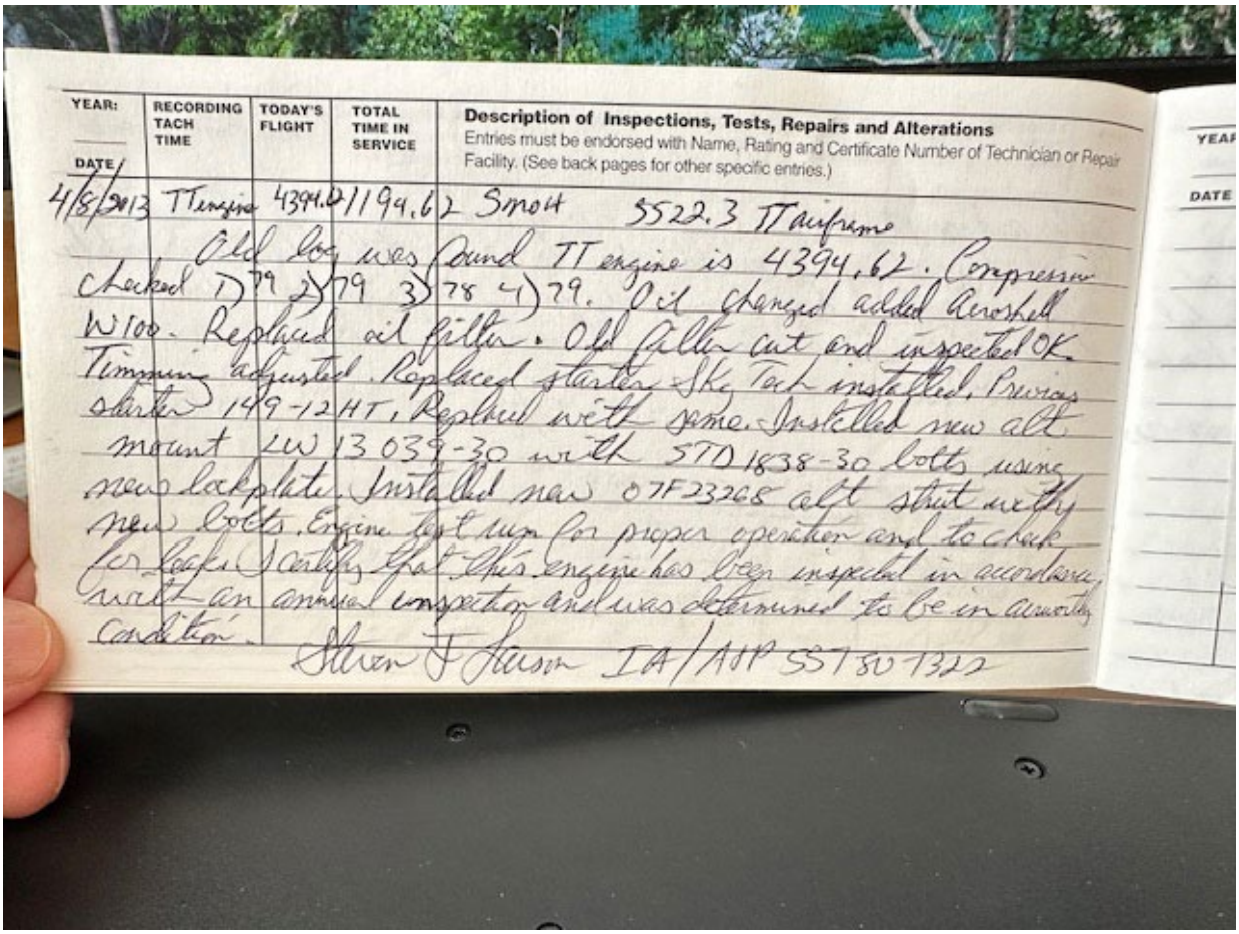
YEAR:

DATE



YEAR: DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
				cable and mixture cable clamps were replaced at carb attachment. Cushioned type clamps removed. AN 742 D3 installed. Tightened intake clamps. Replaced hose from carb heat box to hot shroud. Performed operational checks. Cleaned oil pickup screen. Adjusted oil pressure 75 to 85 psi. Steven F Lawson 1691551 80 1722

I certify that this Engine has been inspected in accordance with an annual inspection and was determined to be in airworthy condition.
Dated: 3/1/2012 Total time 1169.56 hrs.
Signed: Steven F Lawson
Certificate No: 1691551-80-1722



YEAR: / DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
4/8/2013	TT engine	4394.0	1194.62	Smoh 5522.3 TT airframe

Old log was found TT engine is 4394.62. Compression checked 1) 79 2) 79 3) 78 4) 79. Oil changed added Aeroshell W100. Replaced oil filter. Old filter cut and inspected OK. Timming adjusted. Replaced starter. Ske Tach installed. Previous starter 149-12 HT, Replaced with same. Installed new alt. mount LW 13039-30 with STD 1838-30 bolts using new lockplates. Installed new 07F23268 alt strut with new bolts. Engine test run for proper operation and to check for leaks. I certify that this engine has been inspected in accordance with an annual inspection and was determined to be in airworthy condition.

Steven J Jensen IA/A&P 5570 1322

YEAR: DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Entries must be endorsed with Name, Rating and Certificat Facility. (See back pages for other specific entries.)

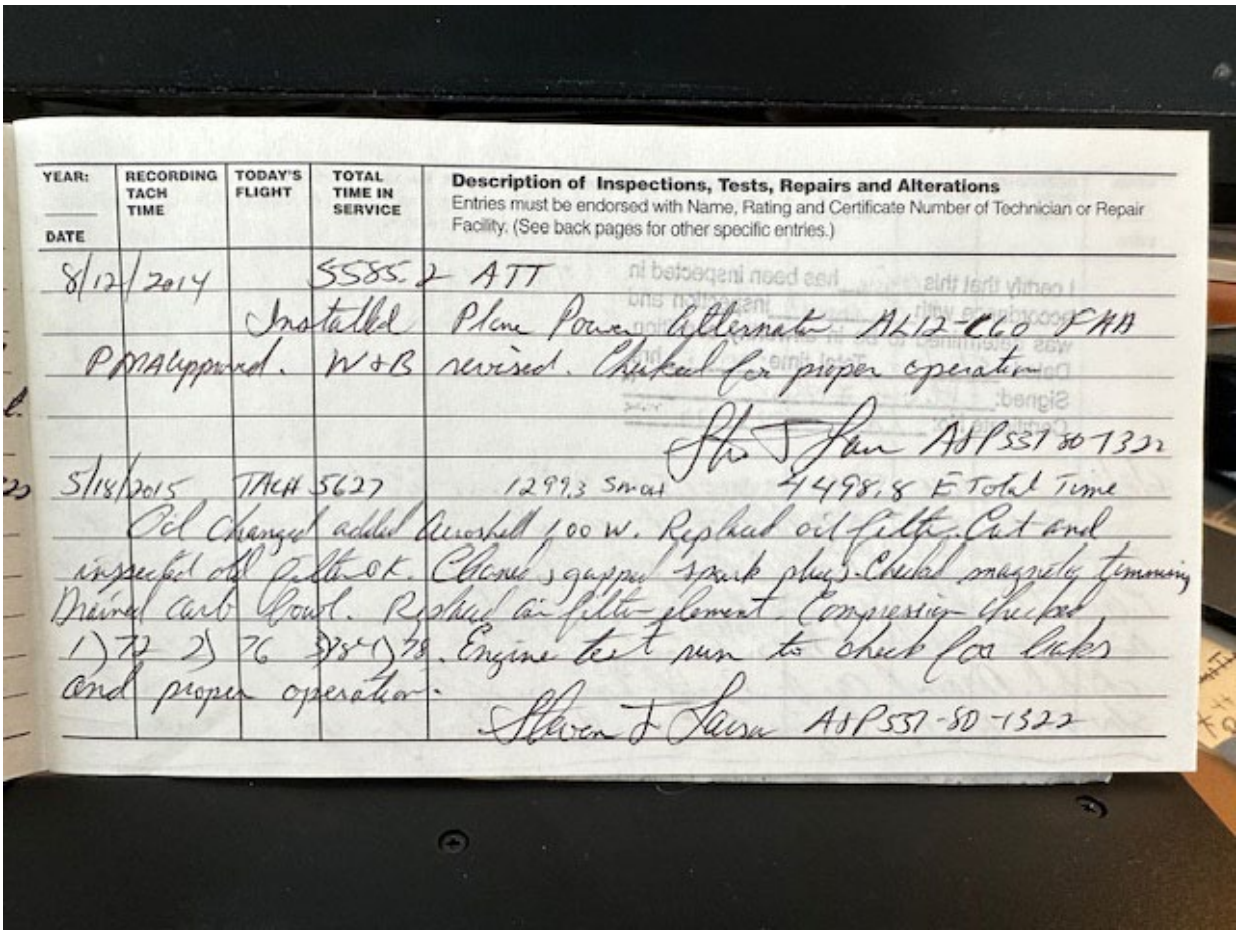
FAA - PMA

This tag certifies that Sky-Tec Model No. **149-12HT**
Serial No. **F2C-091215** was manufacturred new on 09 Mar 2012
by Sky-Tec under the authority of FAA PMA No. PQ0852SW Supplement No. **1** per CFR14 Part 21 in accordance with Sky-Tec's FAA-Approved Fabrication Inspection System (CFR14 Part 21 §21.303) and conforms to the relevant FAA-approved drawings. This part has been determined to be airworthy.
For installation eligiblility see *www.skytecair.com/eligibility.htm*
Starter Installed on N 48816 (Aircraft) by [signature] (Mechanic)
ASP551-80-1322

Form CC1108-1

YEAR: DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
5/18/14	5576.8 TACH		1249.1 SMOH	4448.6 ETT Compression checked 1) 75 2) 76 3) 77 4) 75. Oil changed oil filter replaced. All oil filter nut and inspected OK. Checked magneto timming. Drained carb bowl. Replaced air filter element. Engine test run to check for leaks and proper operation Steven J Hass A&P557-80-1223

I certify that this Engine has been inspected in accordance with an approved inspection and was determined to be in airworthy condition.
Dated: 5/18/2014 Total time 4448.6 hrs.
Signed: Steven J Hass
Certificate No: A&P557-80-1223



YEAR: / DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
8/12/2014			5585.2	ATT
		Installed		Plane Power Alternator AL12-CLO FAA
PMA Approved.		W&B		revised. Checked for proper operation
				Steven J Sauer A&P 551 80 1322
5/18/2015	TACH	5627		1299.3 SMOH 4498.8 E Total Time
Oil Changed added Aeroshell 100 W. Replaced oil filter. Cut and inspected old filter OK. Cleaned gapped spark plugs. Checked magneto timming Drained carb bowl. Replaced air filter element. Compression checked 1) 72 2) 76 3) 80 4) 78. Engine test run to check for leaks and proper operation.				
				Steven J Sauer A&P 551-80-1322

YEAR: / DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
				I certify that this Engine has been inspected in accordance with An annual inspection and was determined to be in airworthy condition. Dated: 5/14/2015 Total time 4498.8 hrs. Signed: Steven Hafer Certificate No: A&P 551-80-1372
				TACH 5627
6/2/2016	TACH	5649.1	4520.9	Engine Total
				Oil Changed. added 8 qts 100 W Aeroshell. Replaced oil filter and inspected old filter ok. Compression checked 77/80 to 80/80. Cleaned and gapped spark plugs. Replaced one spark plug. Replaced air filter element BA3. Timming Checked. Muffler and exhaust checked. Drained carb bowl. Engine starter replaced. Installed S/N FN-BV614. Engine test run to check for leaks and

YEAR: / DATE

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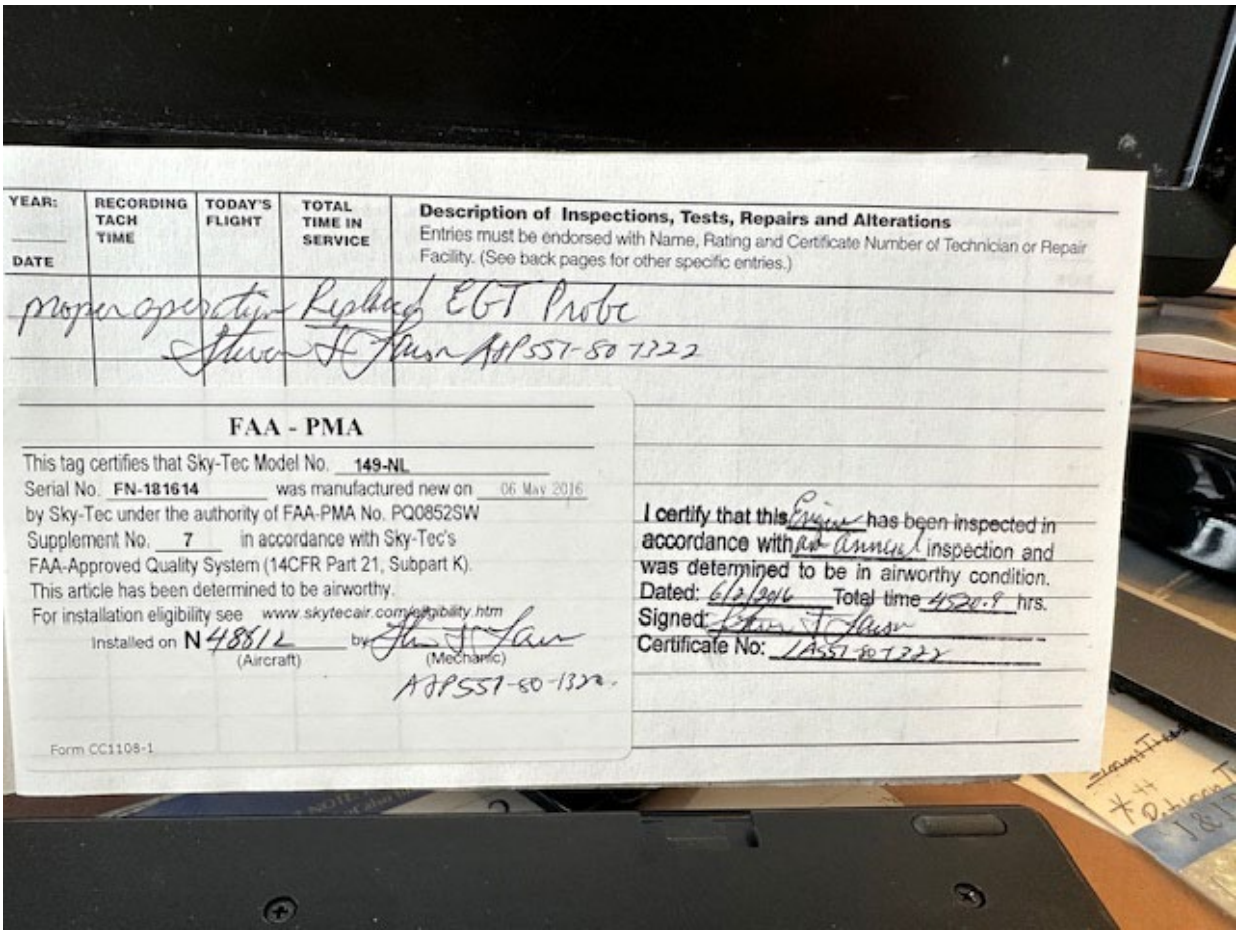
This tag certi
Serial No. FI
by Sky-Tec ur
Supplement N
FAA-Approved
This article has
For installation
Installed

Form CC1108-1



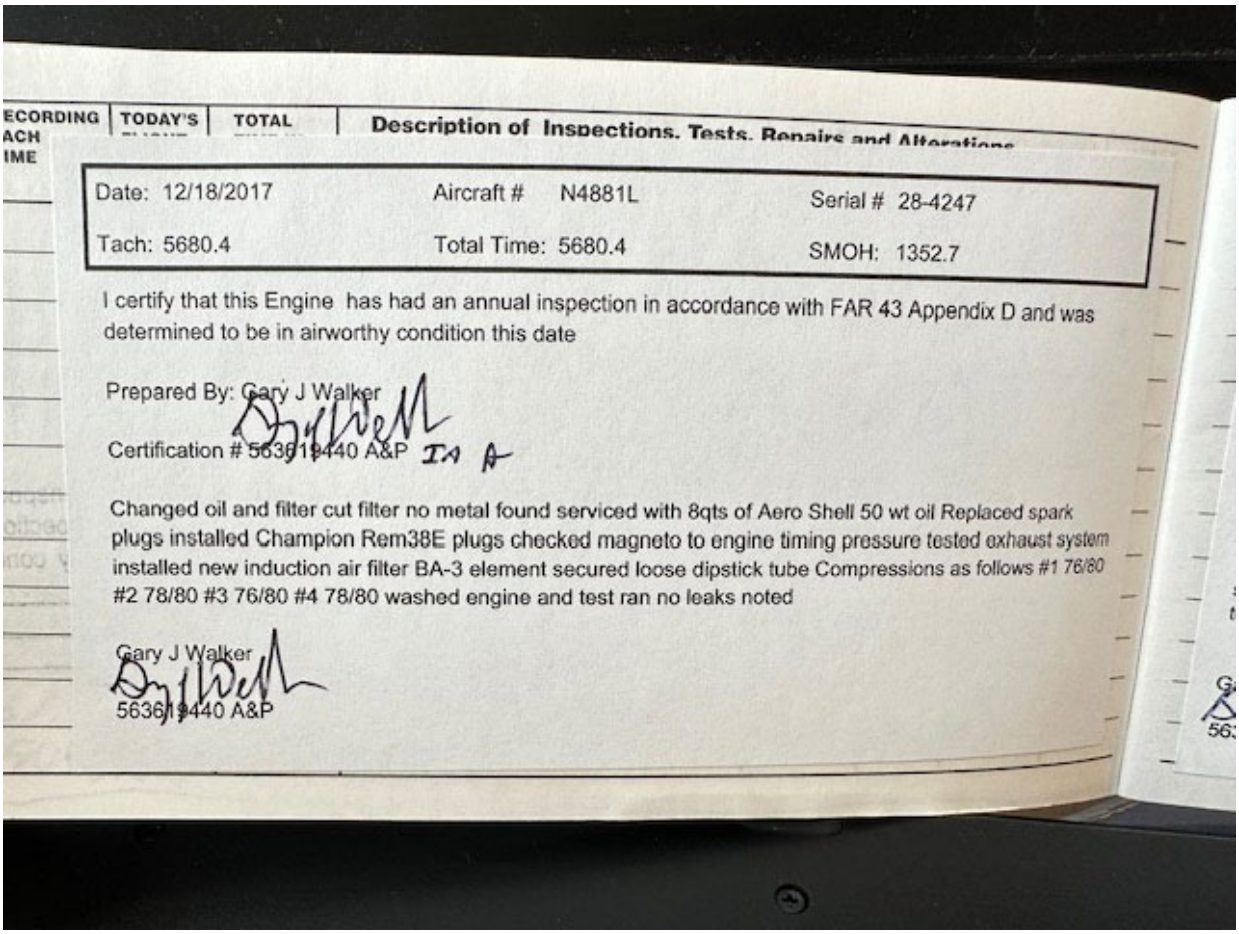
YEAR: / DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
				proper operation Replaced EGT Probe Steven H Lauer A&P 551-80 7222

FAA - PMA

This tag certifies that Sky-Tec Model No. 149-NL
Serial No. FN-181614 was manufactured new on 06 May 2016
by Sky-Tec under the authority of FAA-PMA No. PQ0852SW
Supplement No. 7 in accordance with Sky-Tec's
FAA-Approved Quality System (14CFR Part 21, Subpart K).
This article has been determined to be airworthy.
For installation eligibility see www.skytecair.com/eligibility.htm
Installed on N 48812 (Aircraft) by Steven H Lauer (Mechanic)
A&P 551-80-1322

Form CC1108-1

I certify that this Engine has been inspected in accordance with an annual inspection and was determined to be in airworthy condition.
Dated: 6/2/2016 Total time 4520.9 hrs.
Signed: Steven H Lauer
Certificate No: A&P 551-80 7222



ECORDING ACH IME | TODAY'S | TOTAL | Description of Inspections, Tests, Repairs and Alterations

Date: 12/18/2017	Aircraft # N4881L	Serial # 28-4247
Tach: 5680.4	Total Time: 5680.4	SMOH: 1352.7

I certify that this Engine has had an annual inspection in accordance with FAR 43 Appendix D and was determined to be in airworthy condition this date

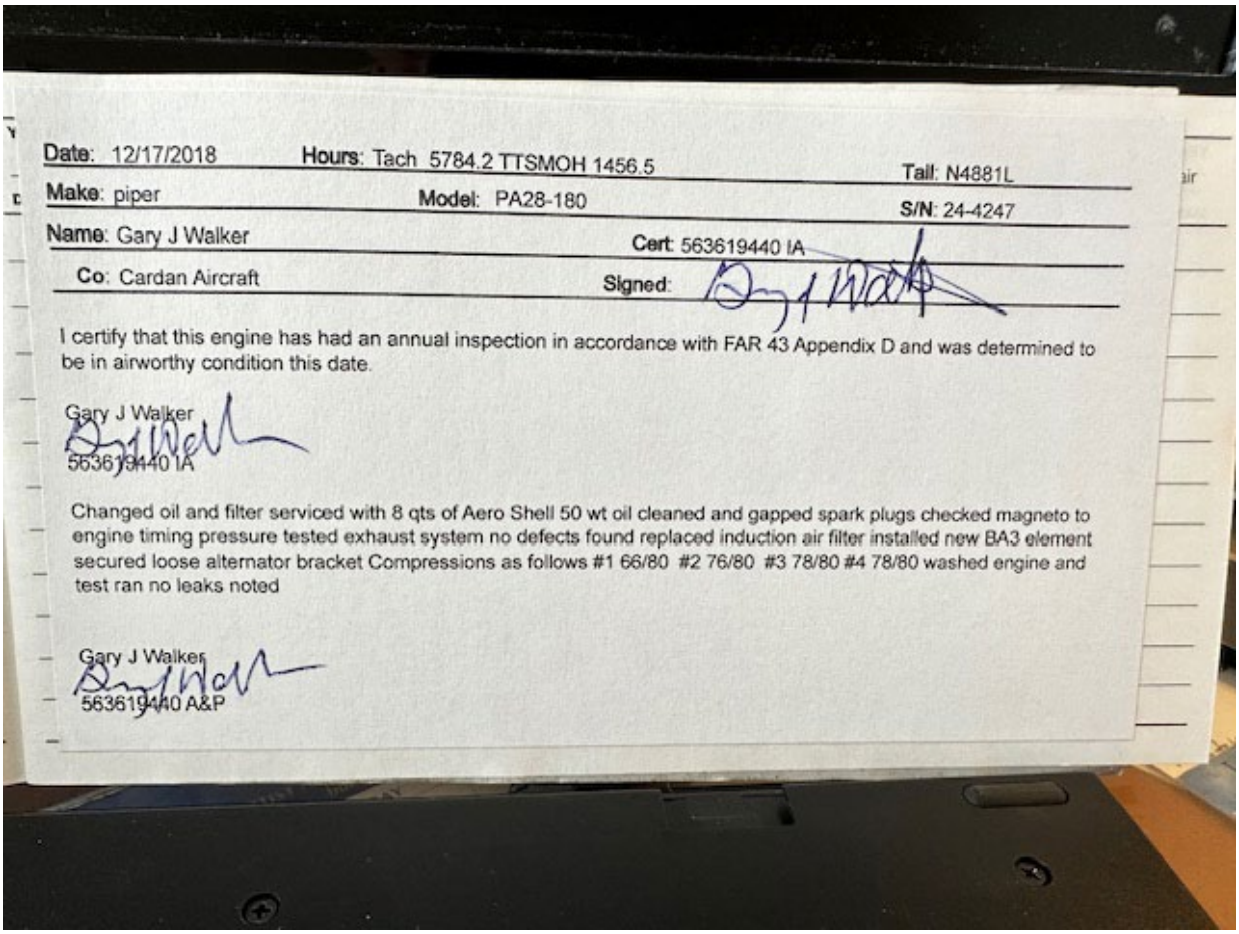
Prepared By: Gary J Walker

Certification # 563619440 A&P IA A

Changed oil and filter cut filter no metal found serviced with 8qts of Aero Shell 50 wt oil Replaced spark plugs installed Champion Rem38E plugs checked magneto to engine timing pressure tested exhaust system installed new induction air filter BA-3 element secured loose dipstick tube Compressions as follows #1 76/80 #2 78/80 #3 76/80 #4 78/80 washed engine and test ran no leaks noted

Gary J Walker

563619440 A&P



Date: 12/17/2018 Hours: Tach 5784.2 TTSMOH 1456.5 Tail: N4881L

Make: piper Model: PA28-180 S/N: 24-4247

Name: Gary J Walker Cert: 563619440 IA

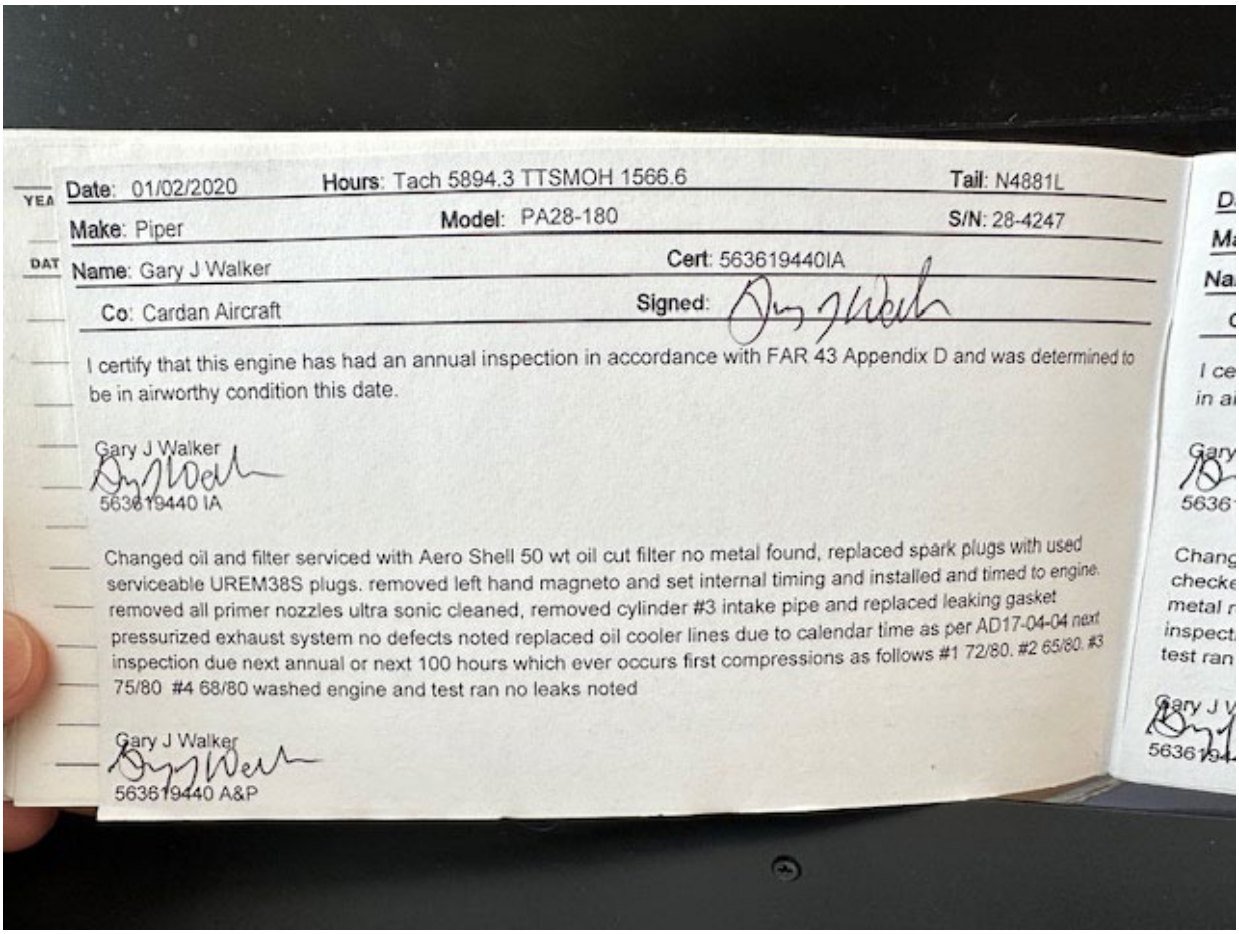
Co: Cardan Aircraft Signed:

I certify that this engine has had an annual inspection in accordance with FAR 43 Appendix D and was determined to be in airworthy condition this date.

Gary J Walker
563619440 IA

Changed oil and filter serviced with 8 qts of Aero Shell 50 wt oil cleaned and gapped spark plugs checked magneto to engine timing pressure tested exhaust system no defects found replaced induction air filter installed new BA3 element secured loose alternator bracket Compressions as follows #1 66/80 #2 76/80 #3 78/80 #4 78/80 washed engine and test ran no leaks noted

Gary J Walker
563619440 A&P



YEA

DAT

Date: 01/02/2020 Hours: Tach 5894.3 TTSMOH 1566.6 Tail: N4881L

Make: Piper Model: PA28-180 S/N: 28-4247

Name: Gary J Walker Cert: 563619440IA

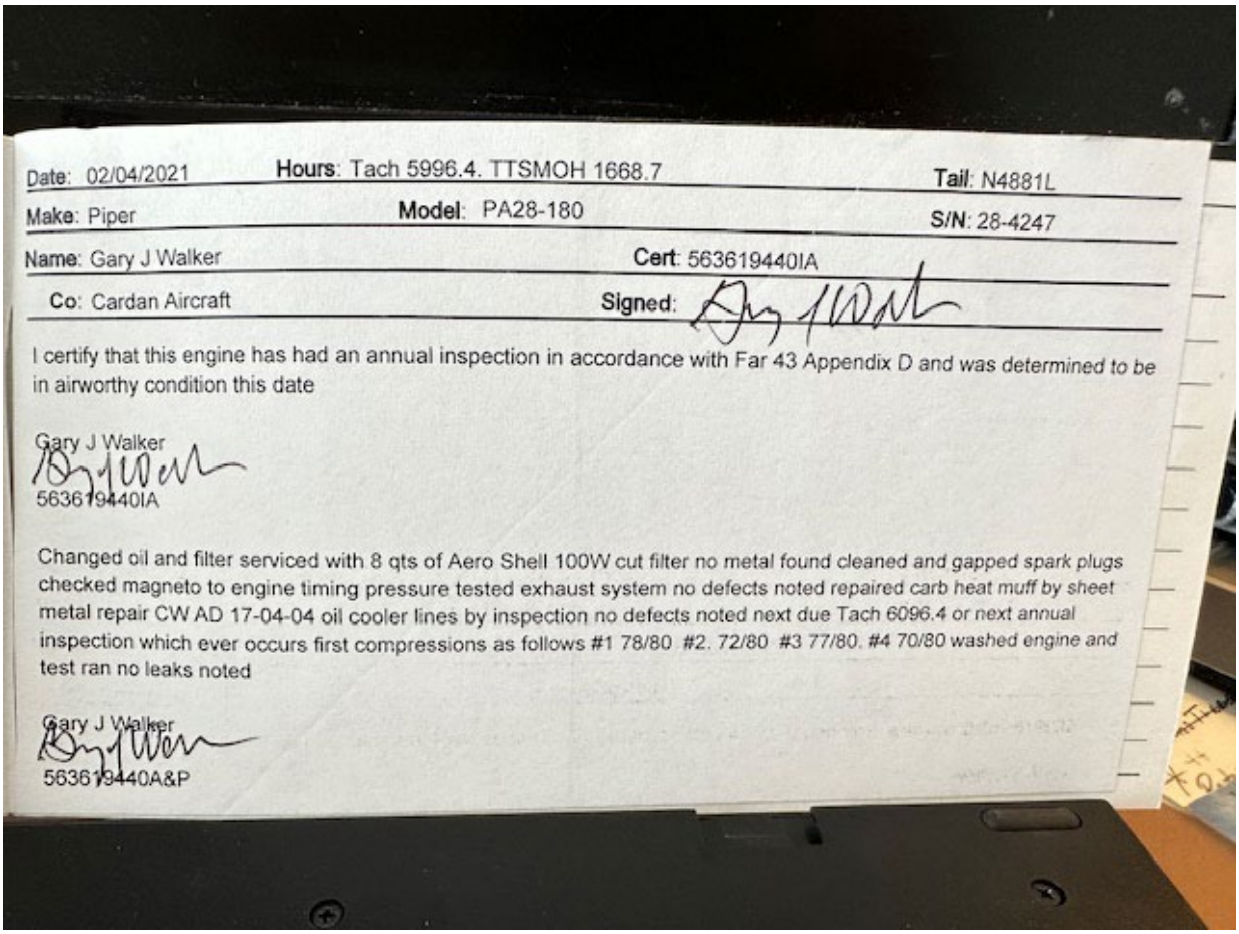
Co: Cardan Aircraft Signed:

I certify that this engine has had an annual inspection in accordance with FAR 43 Appendix D and was determined to be in airworthy condition this date.

Gary J Walker
563619440 IA

Changed oil and filter serviced with Aero Shell 50 wt oil cut filter no metal found, replaced spark plugs with used serviceable UREM38S plugs. removed left hand magneto and set internal timing and installed and timed to engine. removed all primer nozzles ultra sonic cleaned, removed cylinder #3 intake pipe and replaced leaking gasket pressurized exhaust system no defects noted replaced oil cooler lines due to calendar time as per AD17-04-04 next inspection due next annual or next 100 hours which ever occurs first compressions as follows #1 72/80. #2 65/80. #3 75/80 #4 68/80 washed engine and test ran no leaks noted

Gary J Walker
563619440 A&P



Date: 02/04/2021 **Hours**: Tach 5996.4. TTSMOH 1668.7 **Tail**: N4881L

Make: Piper **Model**: PA28-180 **S/N**: 28-4247

Name: Gary J Walker **Cert**: 563619440IA

Co: Cardan Aircraft **Signed**:

I certify that this engine has had an annual inspection in accordance with Far 43 Appendix D and was determined to be in airworthy condition this date

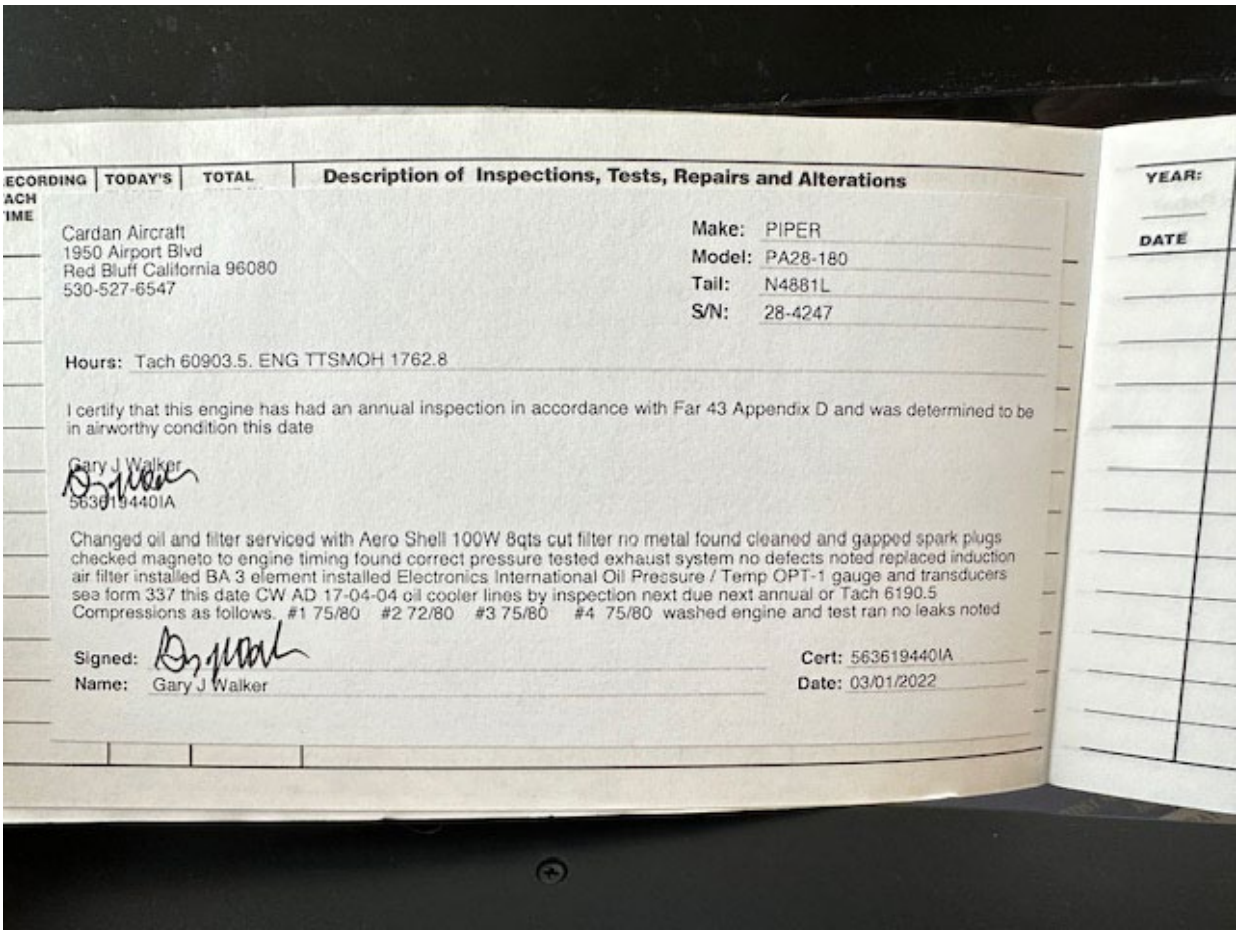
Gary J Walker

563619440IA

Changed oil and filter serviced with 8 qts of Aero Shell 100W cut filter no metal found cleaned and gapped spark plugs checked magneto to engine timing pressure tested exhaust system no defects noted repaired carb heat muff by sheet metal repair CW AD 17-04-04 oil cooler lines by inspection no defects noted next due Tach 6096.4 or next annual inspection which ever occurs first compressions as follows #1 78/80 #2. 72/80 #3 77/80. #4 70/80 washed engine and test ran no leaks noted

Gary J Walker

563619440A&P



ECORDING | TODAY'S | TOTAL | **Description of Inspections, Tests, Repairs and Alterations**

ACH
IME

YEAR:

DATE

Cardan Aircraft
1950 Airport Blvd
Red Bluff California 96080
530-527-6547

Make: PIPER
Model: PA28-180
Tail: N4881L
S/N: 28-4247

Hours: Tach 60903.5. ENG TTSMOH 1762.8

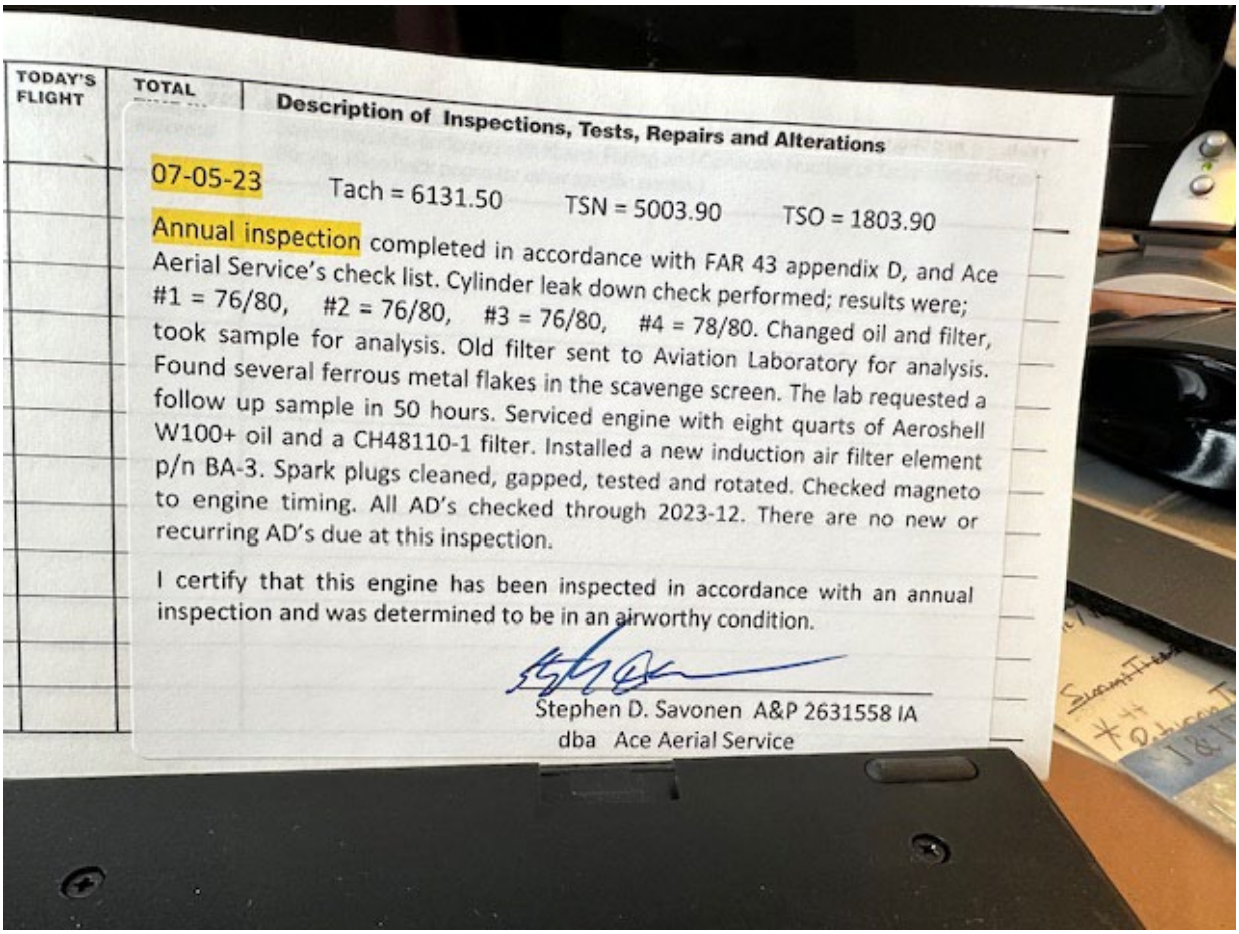
I certify that this engine has had an annual inspection in accordance with Far 43 Appendix D and was determined to be in airworthy condition this date

Gary J Walker
563619440IA

Changed oil and filter serviced with Aero Shell 100W 8qts cut filter no metal found cleaned and gapped spark plugs checked magneto to engine timing found correct pressure tested exhaust system no defects noted replaced induction air filter installed BA 3 element installed Electronics International Oil Pressure / Temp OPT-1 gauge and transducers sea form 337 this date CW AD 17-04-04 oil cooler lines by inspection next due next annual or Tach 6190.5 Compressions as follows. #1 75/80 #2 72/80 #3 75/80 #4 75/80 washed engine and test ran no leaks noted

Signed:
Name: Gary J Walker

Cert: 563619440IA
Date: 03/01/2022



TODAY'S FLIGHT	TOTAL	Description of Inspections, Tests, Repairs and Alterations

07-05-23 Tach = 6131.50 TSN = 5003.90 TSO = 1803.90

Annual inspection completed in accordance with FAR 43 appendix D, and Ace Aerial Service's check list. Cylinder leak down check performed; results were; #1 = 76/80, #2 = 76/80, #3 = 76/80, #4 = 78/80. Changed oil and filter, took sample for analysis. Old filter sent to Aviation Laboratory for analysis. Found several ferrous metal flakes in the scavenge screen. The lab requested a follow up sample in 50 hours. Serviced engine with eight quarts of Aeroshell W100+ oil and a CH48110-1 filter. Installed a new induction air filter element p/n BA-3. Spark plugs cleaned, gapped, tested and rotated. Checked magneto to engine timing. All AD's checked through 2023-12. There are no new or recurring AD's due at this inspection.

I certify that this engine has been inspected in accordance with an annual inspection and was determined to be in an airworthy condition.

Stephen D. Savonen A&P 2631558 IA
dba Ace Aerial Service

Sent from my iPhone